JC17 Rec'd PCT/PTO 20 SEP 2005

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

_	TDA	NOA	AITTAL LETTED T	O THE UNITED STATES	ATTORNEY'S DOCKET NUMBER	
					023174-0140	
	DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371					
					U.S. APPLICATION NO (1) known see 27 GR 95) 2 1	
1	PCT/JP20	04/00	4068	INTERNATIONAL FILING DATE 3/24/2004	PRIORITY DATE CLAIMED 3/28/2003	
	E OF IN			DUCING POLYMEREL ECTROLYTE MEM	IBRANE AND PRODUCING APPARATUS	
	THEREF			DOGINO I GETWIERCEEGTROET TE WIEW	ISTORIE / INC. TO CONTROL / IN	
			R DO/EO/US			
App	Mitsunori licant her	ewith :	submits to the United Sta	tes Designated/Elected Office (DO/EO/US)	the following items and other information:	
1.	\boxtimes	This i	s a FIRST submission of	items concerning a filing under 35 U.S.C. 3	371.	
2.		This i	is a SECOND or SUBSE	QUENT submission of items concerning a f	iling under 35 U.S.C. 371.	
3.			is an express request to t (5), (6), (9) and (21) indi		U.S.C. 371(f)). The submission must include	
4.	\boxtimes	The U	JS has been elected (Arti	cle 31).		
5. 🛛		A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
			is attached hereto (requ	ired only if not communicated by the Intern	ational Bureau).	
		\boxtimes	has been communicate	d by the International Bureau.		
			is not required, as the a	application was filed in the United States Re	ceiving Office (RO/US)	
6.	\boxtimes	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
			is attached hereto.	bmitted under 35 U.S.C. 154(d)(4).		
7.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
ļ' .		are attached hereto (required only if not transmitted by the International Bureau).				
				ted by the International Bureau.		
			•	owever, the time limit for making such ame	ndments has NOT expired.	
8.	П	 ✓ have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 			PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.		An eath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).				
	_				sings (Examination Report under DCT Article	
10.			nglish language translatio 5 U.S.C. 371(c)(5)).	on of the annexes to the international Prelin	ninary Examination Report under PCT Article	
		·				
Iten	ns 11 to 2	0 belo	ow concern other docu	ment(s) or information included:		
11.				tement under 37 CFR 1.97 and 1.98.		
12.	\boxtimes	An as	ssignment document for r	ecording. A separate cover sheet in compl	iance with 37 CFR 3.28 and 3.31 is included.	
13.	\boxtimes	A pre	liminary amendment.			
14.	\boxtimes	An A	pplication Data Sheet und	der 37 CFR 1.76.		
15.		A sub	ostitute specification.			
16.		A pov	wer of attorney and/or cha	ange of address letter.		
17.		A cor	mputer-readable form of ti	he sequence listing in accordance with PCT	Rule 13ter.2 and 37 CFR 1.821 – 1.825	
18.		A sec	cond copy of the published	d international application under 35 U.S.C.	154(d)(4).	
19.		A sec	cond copy of the English I	anguage translation of the international app	lication under 35 U.S.C. 154(d)(4).	
20.		Other	r items or information:			

The following fees have been stibmitted: 21. Basic national fee \$300 \$300.00 22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200 23. Search fee Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction thereof.				
22.				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200 23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
International Search Report prepared and provided to the Office \$400 All other situations \$500 \$500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
All other situations \$500 \$ 500.00 TOTAL OF ABOVE 21, 22 and 23 = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
TOTAL OF ABOVE 21, 22 and 23 = \$ 1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets				
sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra sheets Number of each additional 50 or fraction RATE				
45 - 100 = 0 /50 = 0 x \$250.00 \$ 0.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))				
CLAIMS NUMBER FILED NUMBER EXTRA RATE \$				
Total Claims 12 -20 = 0 x \$ 50.00 \$ 0.00				
Independent Claims 2 -3 = 0 x \$ 200.00 \$ 0.00				
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$ 360.00 \$				
TOTAL OF ABOVE CALCULATIONS = \$ 1000.00				
Applicant claims small entity status. See 37 CFR 1.27. Fees above are + \$ 0.00 reduced by 1/2.				
SUBTOTAL = \$ 1000.00				
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				
TOTAL NATIONAL FEE = \$ 1000.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be \$ 40.00				
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property				
TOTAL FEES ENCLOSED = \$ 1040.00				
Amount to be refunded:				
charged:				
a. 🛛 A check in the amount of \$1,040.00 to cover the above fees is enclosed.				
b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$1,040.00 to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.				
d. Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-				
2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO: SIGNATURE				
SIGNATURE Foley & Lardner LLP Michael D. Kaminski				
Customer Number: 22428 Michael D. Kaminski NAME				
17/102				